

Table ENG-4. - Building Site Development

Warren County, Virginia

The information in this table indicates the dominant soil condition, but does not eliminate the need for onsite investigation. The numbers in the value column range from 0.01 to 1.00. The larger the value, the greater the potential limitation. Limiting features in this report are limited to the top 5 limitations. Additional limitations may exist.

| Map Symbol and Soil Name | Pct of Map Unit | Local Roads and Streets | | Shallow Excavations | | Lawns and Landscaping | |
|-----------------------------|--------------------------|---------------------------------------|-------|---------------------------------------|-------|---------------------------------------|-------|
| | | Rating Class and Limiting Features | Value | Rating Class and Limiting Features | Value | Rating Class and Limiting Features | Value |
| 1B: | | | | | | | |
| Berks | 85 | Somewhat limited | | Very limited | | Somewhat limited | |
| | | Depth to hard bedrock | 0.46 | Depth to hard bedrock | 1.00 | Droughty | 0.96 |
| | | | | Cutbanks cave | 0.10 | Depth to bedrock | 0.46 |
| | | | | | | Gravel content | <0.01 |
| 1C: | | | | | | | |
| Berks | 85 | Somewhat limited | | Very limited | | Somewhat limited | |
| | | Depth to hard bedrock | 0.46 | Depth to hard bedrock | 1.00 | Droughty | 0.96 |
| | | Slope | 0.37 | Slope | 0.37 | Depth to bedrock | 0.46 |
| | | | | Cutbanks cave | 0.10 | Slope | 0.37 |
| 1D: | | | | | | | |
| Berks | 85 | Very limited | | Very limited | | Very limited | |
| | | Slope | 1.00 | Depth to hard bedrock | 1.00 | Slope | 1.00 |
| | | Depth to hard bedrock | 0.46 | Slope | 1.00 | Droughty | 0.96 |
| | | | | Cutbanks cave | 0.10 | Depth to bedrock | 0.46 |
| 2B: | | | | | | | |
| Blairton | 75 | Very limited | | Very limited | | Somewhat limited | |
| | | Frost action | 1.00 | Depth to hard bedrock | 1.00 | Depth to saturated | 0.48 |
| | | Low strength | 0.78 | Depth to saturated | 1.00 | zone | |
| | | Depth to saturated | 0.48 | zone | | Depth to bedrock | 0.46 |
| | | zone | | Cutbanks cave | 0.10 | Droughty | 0.31 |
| 2C: | | | | | | | |
| Blairton | 75 | Very limited | | Very limited | | Somewhat limited | |
| | | Frost action | 1.00 | Depth to hard bedrock | 1.00 | Depth to saturated | 0.48 |
| | | Low strength | 0.78 | Depth to saturated | 1.00 | zone | |
| | | Depth to saturated | 0.48 | zone | | Depth to bedrock | 0.46 |
| | | zone | | Slope | 0.37 | Slope | 0.37 |
| 3C: | | | | | | | |
| Buchanan | 75 | Very limited | | Very limited | | Very limited | |
| | | Depth to thick | 1.00 | Depth to thick | 1.00 | Depth to cemented | 1.00 |
| | | cemented pan | | cemented pan | | pan | |
| | | Frost action | 0.50 | Cutbanks cave | 1.00 | Droughty | 0.57 |
| | | Depth to saturated | 0.48 | Depth to saturated | 1.00 | Depth to saturated | 0.48 |
| | | zone | | zone | | zone | |
| 4C: | | | | | | | |
| Buchanan | 80 | Very limited | | Very limited | | Very limited | |
| | | Depth to thick | 1.00 | Depth to thick | 1.00 | Depth to cemented | 1.00 |
| | | cemented pan | | cemented pan | | pan | |
| | | Frost action | 0.50 | Cutbanks cave | 1.00 | Droughty | 0.57 |
| | | Depth to saturated | 0.48 | Depth to saturated | 1.00 | Depth to saturated | 0.48 |
| | | zone | | zone | | zone | |

Table ENG-4. - Building Site Development - Continued

Warren County, Virginia

| Map Symbol and Soil Name | Pct of Map Unit | Local Roads and Streets | | Shallow Excavations | | Lawns and Landscaping | |
|-----------------------------|--------------------------|---------------------------------------|-------|---------------------------------------|-------|---------------------------------------|-------|
| | | Rating Class and Limiting Features | Value | Rating Class and Limiting Features | Value | Rating Class and Limiting Features | Value |
| 5: | | | | | | | |
| Buckton | 90 | Very limited | | Very limited | | Somewhat limited | |
| | | Flooding | 1.00 | Cutbanks cave | 1.00 | Flooding | 0.60 |
| | | Low strength | 1.00 | Flooding | 0.60 | | |
| | | Frost action | 0.50 | | | | |
| Wet spots | 5 | Not Rated | | Not Rated | | Not Rated | |
| 6C: | | | | | | | |
| Carbo | 50 | Very limited | | Very limited | | Somewhat limited | |
| | | Low strength | 1.00 | Depth to hard bedrock | 1.00 | Depth to bedrock | 0.46 |
| | | Shrink-swell | 1.00 | Too clayey | 1.00 | Slope | 0.37 |
| | | Frost action | 0.50 | Slope | 0.37 | | |
| Endcav | 45 | Very limited | | Somewhat limited | | Somewhat limited | |
| | | Low strength | 1.00 | Too clayey | 0.97 | Slope | 0.37 |
| | | Shrink-swell | 1.00 | Depth to hard bedrock | 0.42 | | |
| | | Frost action | 0.50 | Slope | 0.37 | | |
| 7C: | | | | | | | |
| Carbo | 35 | Very limited | | Very limited | | Somewhat limited | |
| | | Low strength | 1.00 | Depth to hard bedrock | 1.00 | Depth to bedrock | 0.46 |
| | | Shrink-swell | 1.00 | Too clayey | 1.00 | Slope | 0.37 |
| | | Frost action | 0.50 | Slope | 0.37 | | |
| Endcav | 30 | Very limited | | Somewhat limited | | Somewhat limited | |
| | | Low strength | 1.00 | Too clayey | 0.97 | Slope | 0.37 |
| | | Shrink-swell | 1.00 | Depth to hard bedrock | 0.42 | | |
| | | Frost action | 0.50 | Slope | 0.37 | | |
| Rock outcrop | 30 | Not Rated | | Not Rated | | Not Rated | |
| 8C: | | | | | | | |
| Cataska | 85 | Somewhat limited | | Very limited | | Very limited | |
| | | Depth to soft bedrock | 1.00 | Depth to soft bedrock | 1.00 | Depth to bedrock | 1.00 |
| | | Frost action | 0.50 | Slope | 0.37 | Droughty | 1.00 |
| | | Slope | 0.37 | Cutbanks cave | 0.10 | Slope | 0.37 |
| 8D: | | | | | | | |
| Cataska | 85 | Very limited | | Very limited | | Very limited | |
| | | Slope | 1.00 | Depth to soft bedrock | 1.00 | Depth to bedrock | 1.00 |
| | | Depth to soft bedrock | 1.00 | Slope | 1.00 | Slope | 1.00 |
| | | Frost action | 0.50 | Cutbanks cave | 0.10 | Droughty | 1.00 |
| 8E: | | | | | | | |
| Cataska | 85 | Very limited | | Very limited | | Very limited | |
| | | Slope | 1.00 | Depth to soft bedrock | 1.00 | Depth to bedrock | 1.00 |
| | | Depth to soft bedrock | 1.00 | Slope | 1.00 | Slope | 1.00 |
| | | Frost action | 0.50 | Cutbanks cave | 0.10 | Droughty | 1.00 |
| 9: | | | | | | | |

Table ENG-4. - Building Site Development - Continued

Warren County, Virginia

| Map Symbol and Soil Name | Pct of Map Unit | Local Roads and Streets | | Shallow Excavations | | Lawns and Landscaping | |
|-----------------------------|--------------------------|---|--------------------------|---|--------------------------|---|-------------------|
| | | Rating Class and Limiting Features | Value | Rating Class and Limiting Features | Value | Rating Class and Limiting Features | Value |
| 9: | | | | | | | |
| Chagrin | 80 | Very limited Flooding Frost action | 1.00 0.50 | Somewhat limited Flooding Depth to saturated zone Cutbanks cave | 0.80 0.15 0.10 | Very limited Flooding | 1.00 |
| Wet spots | 5 | Not Rated | | Not Rated | | Not Rated | |
| 10C: | | | | | | | |
| Chester | 80 | Very limited Low strength Frost action Slope | 1.00 0.50 0.37 | Somewhat limited Slope Cutbanks cave | 0.37 0.10 | Somewhat limited Slope Content of large stones | 0.37 <0.01 |
| 10D: | | | | | | | |
| Chester | 80 | Very limited Slope Low strength Frost action | 1.00 1.00 0.50 | Very limited Slope Cutbanks cave | 1.00 0.10 | Very limited Slope Content of large stones | 1.00 <0.01 |
| 10E: | | | | | | | |
| Chester | 80 | Very limited Slope Low strength Frost action | 1.00 1.00 0.50 | Very limited Slope Cutbanks cave | 1.00 0.10 | Very limited Slope Content of large stones | 1.00 <0.01 |
| 11D: | | | | | | | |
| Chester | 50 | Very limited Slope Low strength Frost action | 1.00 1.00 0.50 | Very limited Slope Depth to saturated zone Cutbanks cave | 1.00 0.16 0.10 | Very limited Slope Content of large stones | 1.00 <0.01 |
| Manor | 30 | Very limited Slope Frost action | 1.00 0.50 | Very limited Slope Cutbanks cave | 1.00 0.10 | Very limited Slope Content of large stones | 1.00 0.05 |
| 11E: | | | | | | | |
| Chester | 45 | Very limited Slope Low strength Frost action | 1.00 1.00 0.50 | Very limited Slope Depth to saturated zone Cutbanks cave | 1.00 0.16 0.10 | Very limited Slope Content of large stones | 1.00 <0.01 |
| Manor | 35 | Very limited Slope Frost action | 1.00 0.50 | Very limited Slope Cutbanks cave | 1.00 0.10 | Very limited Slope Content of large stones | 1.00 0.05 |
| 12D: | | | | | | | |

Table ENG-4. - Building Site Development - Continued

Warren County, Virginia

| Map Symbol and Soil Name | Pct of Map Unit | Local Roads and Streets | | Shallow Excavations | | Lawns and Landscaping | |
|-----------------------------|--------------------------|---------------------------------------|-------|---------------------------------------|-------|---------------------------------------|-------|
| | | Rating Class and Limiting Features | Value | Rating Class and Limiting Features | Value | Rating Class and Limiting Features | Value |
| 12D: | | | | | | | |
| Chilhowie | 75 | Very limited | | Very limited | | Very limited | |
| | | Slope | 1.00 | Depth to hard bedrock | 1.00 | Slope | 1.00 |
| | | Low strength | 1.00 | Slope | 1.00 | Depth to bedrock | 0.95 |
| | | Shrink-swell | 1.00 | Too clayey | 1.00 | Droughty | 0.68 |
| 13B: | | | | | | | |
| Clearbrook | 80 | Somewhat limited | | Very limited | | Somewhat limited | |
| | | Shrink-swell | 0.50 | Depth to saturated zone | 1.00 | Droughty | 0.56 |
| | | Frost action | 0.50 | Depth to soft bedrock | 0.46 | Depth to saturated zone | 0.48 |
| | | Depth to saturated zone | 0.48 | Cutbanks cave | 0.10 | Depth to bedrock | 0.46 |
| 13C: | | | | | | | |
| Clearbrook | 80 | Somewhat limited | | Very limited | | Somewhat limited | |
| | | Shrink-swell | 0.50 | Depth to saturated zone | 1.00 | Droughty | 0.56 |
| | | Frost action | 0.50 | Depth to soft bedrock | 0.46 | Depth to saturated zone | 0.48 |
| | | Depth to saturated zone | 0.48 | Slope | 0.37 | Depth to bedrock | 0.46 |
| 14: | | | | | | | |
| Craigsville | 85 | Very limited | | Somewhat limited | | Very limited | |
| | | Flooding | 1.00 | Flooding | 0.80 | Flooding | 1.00 |
| | | Content of large stones | 0.72 | Content of large stones | 0.72 | Content of large stones | 0.20 |
| | | Frost action | 0.50 | Cutbanks cave | 0.10 | Gravel content | 0.09 |
| Wet spots | 5 | Not Rated | | Not Rated | | Not Rated | |
| 15E: | | | | | | | |
| Dekalb | 80 | Very limited | | Very limited | | Very limited | |
| | | Slope | 1.00 | Depth to hard bedrock | 1.00 | Slope | 1.00 |
| | | Depth to hard bedrock | 0.46 | Slope | 1.00 | Droughty | 0.74 |
| | | | | Cutbanks cave | 0.10 | Gravel content | 0.56 |
| 16F: | | | | | | | |
| Drall | 50 | Very limited | | Very limited | | Very limited | |
| | | Slope | 1.00 | Slope | 1.00 | Slope | 1.00 |
| | | | | Cutbanks cave | 1.00 | Gravel content | 1.00 |
| | | | | Depth to hard bedrock | 0.42 | Droughty | 0.42 |
| Rubble land | 25 | Not Rated | | Not Rated | | Not Rated | |
| 17B: | | | | | | | |
| Dyke | 85 | Very limited | | Somewhat limited | | Not limited | |
| | | Low strength | 1.00 | Too clayey | 0.72 | | |
| | | Shrink-swell | 0.50 | Cutbanks cave | 0.10 | | |
| | | Frost action | 0.50 | | | | |
| 17C: | | | | | | | |

Table ENG-4. - Building Site Development - Continued

Warren County, Virginia

| Map Symbol and Soil Name | Pct of Map Unit | Local Roads and Streets | | Shallow Excavations | | Lawns and Landscaping | |
|-----------------------------|--------------------------|---------------------------------------|-------|---------------------------------------|-------|---------------------------------------|-------|
| | | Rating Class and Limiting Features | Value | Rating Class and Limiting Features | Value | Rating Class and Limiting Features | Value |
| 17C: | | | | | | | |
| Dyke | 85 | Very limited | | Somewhat limited | | Somewhat limited | |
| | | Low strength | 1.00 | Too clayey | 0.72 | Slope | 0.37 |
| | | Shrink-swell | 0.50 | Slope | 0.37 | | |
| | | Frost action | 0.50 | Cutbanks cave | 0.10 | | |
| 18B: | | | | | | | |
| Endcav | 90 | Very limited | | Somewhat limited | | Not limited | |
| | | Low strength | 1.00 | Too clayey | 0.97 | | |
| | | Shrink-swell | 1.00 | Depth to hard bedrock | 0.42 | | |
| | | Frost action | 0.50 | Cutbanks cave | 0.10 | | |
| 18C: | | | | | | | |
| Endcav | 90 | Very limited | | Somewhat limited | | Somewhat limited | |
| | | Low strength | 1.00 | Too clayey | 0.97 | Slope | 0.37 |
| | | Shrink-swell | 1.00 | Depth to hard bedrock | 0.42 | | |
| | | Frost action | 0.50 | Slope | 0.37 | | |
| 19B: | | | | | | | |
| Hawksbill | 85 | Very limited | | Very limited | | Very limited | |
| | | Flooding | 1.00 | Cutbanks cave | 1.00 | Content of large stones | 1.00 |
| | | Content of large stones | 1.00 | Content of large stones | 1.00 | Flooding | 0.60 |
| | | Frost action | 0.50 | Flooding | 0.60 | Droughty | 0.02 |
| Wet spots | 5 | Not Rated | | Not Rated | | Not Rated | |
| 20B: | | | | | | | |
| Hawksbill | 90 | Very limited | | Very limited | | Very limited | |
| | | Flooding | 1.00 | Cutbanks cave | 1.00 | Content of large stones | 1.00 |
| | | Content of large stones | 1.00 | Content of large stones | 1.00 | Flooding | 0.60 |
| | | Frost action | 0.50 | Flooding | 0.60 | Gravel content | 0.37 |
| Wet spots | 5 | Not Rated | | Not Rated | | Not Rated | |
| 20C: | | | | | | | |
| Hawksbill | 90 | Very limited | | Very limited | | Very limited | |
| | | Flooding | 1.00 | Cutbanks cave | 1.00 | Content of large stones | 1.00 |
| | | Content of large stones | 1.00 | Content of large stones | 1.00 | Flooding | 0.60 |
| | | Frost action | 0.50 | Flooding | 0.60 | Slope | 0.37 |
| 21D: | | | | | | | |
| Lew | 85 | Very limited | | Very limited | | Very limited | |
| | | Content of large stones | 1.00 | Content of large stones | 1.00 | Content of large stones | 1.00 |
| | | Slope | 1.00 | Slope | 1.00 | Slope | 1.00 |
| | | Shrink-swell | 0.50 | Cutbanks cave | 0.10 | Gravel content | 0.01 |

Table ENG-4. - Building Site Development - Continued

Warren County, Virginia

| Map Symbol and Soil Name | Pct of Map Unit | Local Roads and Streets | | Shallow Excavations | | Lawns and Landscaping | |
|-----------------------------|--------------------------|---------------------------------------|-------|---------------------------------------|-------|---------------------------------------|-------|
| | | Rating Class and Limiting Features | Value | Rating Class and Limiting Features | Value | Rating Class and Limiting Features | Value |
| 22E: | | | | | | | |
| Lew | 90 | Very limited | | Very limited | | Very limited | |
| | | Slope | 1.00 | Slope | 1.00 | Slope | 1.00 |
| | | Content of large stones | 1.00 | Content of large stones | 1.00 | Content of large stones | 1.00 |
| | | Shrink-swell | 0.50 | Cutbanks cave | 0.10 | Gravel content | 0.01 |
| 23B: | | | | | | | |
| Lodi | 75 | Very limited | | Somewhat limited | | Not limited | |
| | | Low strength | 1.00 | Too clayey | 0.28 | | |
| | | Shrink-swell | 0.50 | Cutbanks cave | 0.10 | | |
| | | Frost action | 0.50 | | | | |
| 23C: | | | | | | | |
| Lodi | 75 | Very limited | | Somewhat limited | | Somewhat limited | |
| | | Low strength | 1.00 | Slope | 0.37 | Slope | 0.37 |
| | | Shrink-swell | 0.50 | Too clayey | 0.28 | | |
| | | Frost action | 0.50 | Cutbanks cave | 0.10 | | |
| 23D: | | | | | | | |
| Lodi | 85 | Very limited | | Very limited | | Very limited | |
| | | Slope | 1.00 | Slope | 1.00 | Slope | 1.00 |
| | | Low strength | 1.00 | Too clayey | 0.28 | | |
| | | Shrink-swell | 0.50 | Cutbanks cave | 0.10 | | |
| 24B: | | | | | | | |
| Lodi | 85 | Very limited | | Somewhat limited | | Not limited | |
| | | Low strength | 1.00 | Too clayey | 0.28 | | |
| | | Shrink-swell | 0.50 | Cutbanks cave | 0.10 | | |
| | | Frost action | 0.50 | | | | |
| 24C: | | | | | | | |
| Lodi | 80 | Very limited | | Somewhat limited | | Somewhat limited | |
| | | Low strength | 1.00 | Slope | 0.37 | Slope | 0.37 |
| | | Shrink-swell | 0.50 | Too clayey | 0.28 | | |
| | | Frost action | 0.50 | Cutbanks cave | 0.10 | | |
| 24D: | | | | | | | |
| Lodi | 90 | Very limited | | Very limited | | Very limited | |
| | | Slope | 1.00 | Slope | 1.00 | Slope | 1.00 |
| | | Low strength | 1.00 | Too clayey | 0.28 | | |
| | | Shrink-swell | 0.50 | Cutbanks cave | 0.10 | | |
| 25C: | | | | | | | |
| Lodi | 70 | Very limited | | Somewhat limited | | Somewhat limited | |
| | | Low strength | 1.00 | Slope | 0.37 | Slope | 0.37 |
| | | Shrink-swell | 0.50 | Too clayey | 0.28 | | |
| | | Frost action | 0.50 | Cutbanks cave | 0.10 | | |
| 25D: | | | | | | | |

Table ENG-4. - Building Site Development - Continued

Warren County, Virginia

| Map Symbol and Soil Name | Pct of Map Unit | Local Roads and Streets | | Shallow Excavations | | Lawns and Landscaping | |
|-----------------------------|--------------------------|---------------------------------------|-------|---------------------------------------|-------|---------------------------------------|-------|
| | | Rating Class and Limiting Features | Value | Rating Class and Limiting Features | Value | Rating Class and Limiting Features | Value |
| 25D: | | | | | | | |
| Lodi | 75 | Very limited | | Very limited | | Very limited | |
| | | Slope | 1.00 | Slope | 1.00 | Slope | 1.00 |
| | | Low strength | 1.00 | Too clayey | 0.28 | | |
| | | Shrink-swell | 0.50 | Cutbanks cave | 0.10 | | |
| 26C: | | | | | | | |
| Lodi | 50 | Very limited | | Somewhat limited | | Somewhat limited | |
| | | Low strength | 1.00 | Too clayey | 0.28 | Slope | 0.04 |
| | | Shrink-swell | 0.50 | Cutbanks cave | 0.10 | | |
| | | Frost action | 0.50 | Slope | 0.04 | | |
| Rock outcrop | 30 | Not Rated | | Not Rated | | Not Rated | |
| 26E: | | | | | | | |
| Lodi | 50 | Very limited | | Very limited | | Very limited | |
| | | Slope | 1.00 | Slope | 1.00 | Slope | 1.00 |
| | | Low strength | 1.00 | Too clayey | 0.28 | | |
| | | Shrink-swell | 0.50 | Cutbanks cave | 0.10 | | |
| Rock outcrop | 30 | Not Rated | | Not Rated | | Not Rated | |
| 27B: | | | | | | | |
| Millrock | 95 | Very limited | | Very limited | | Very limited | |
| | | Flooding | 1.00 | Cutbanks cave | 1.00 | Flooding | 1.00 |
| | | | | Flooding | 0.80 | Droughty | 0.92 |
| Wet spots | 3 | Not Rated | | Not Rated | | Not Rated | |
| 28B: | | | | | | | |
| Monongahela | 85 | Somewhat limited | | Very limited | | Somewhat limited | |
| | | Depth to thick cemented pan | 0.90 | Depth to thick cemented pan | 1.00 | Depth to cemented pan | 0.90 |
| | | Frost action | 0.50 | Depth to saturated zone | 1.00 | Depth to saturated zone | 0.03 |
| | | Low strength | 0.22 | Cutbanks cave | 0.10 | | |
| Purdy | 5 | Not Rated | | Not Rated | | Not Rated | |
| 28C: | | | | | | | |
| Monongahela | 85 | Somewhat limited | | Very limited | | Somewhat limited | |
| | | Depth to thick cemented pan | 0.90 | Depth to thick cemented pan | 1.00 | Depth to cemented pan | 0.90 |
| | | Frost action | 0.50 | Depth to saturated zone | 1.00 | Slope | 0.37 |
| | | Slope | 0.37 | Slope | 0.37 | Depth to saturated zone | 0.03 |
| Purdy | 5 | Not Rated | | Not Rated | | Not Rated | |
| 29C: | | | | | | | |

Table ENG-4. - Building Site Development - Continued

Warren County, Virginia

| Map Symbol and Soil Name | Pct of Map Unit | Local Roads and Streets | | Shallow Excavations | | Lawns and Landscaping | |
|-----------------------------|--------------------------|---------------------------------------|-------|---------------------------------------|-------|---------------------------------------|-------|
| | | Rating Class and Limiting Features | Value | Rating Class and Limiting Features | Value | Rating Class and Limiting Features | Value |
| 29C: | | | | | | | |
| Montalto | 80 | Very limited | | Somewhat limited | | Somewhat limited | |
| | | Low strength | 1.00 | Slope | 0.37 | Slope | 0.37 |
| | | Shrink-swell | 0.50 | Cutbanks cave | 0.10 | Content of large stones | 0.03 |
| | | Frost action | 0.50 | | | | |
| 30C: | | | | | | | |
| Myersville | 80 | Somewhat limited | | Somewhat limited | | Somewhat limited | |
| | | Frost action | 0.50 | Slope | 0.37 | Slope | 0.37 |
| | | Slope | 0.37 | Cutbanks cave | 0.10 | | |
| 30D: | | | | | | | |
| Myersville | 80 | Very limited | | Very limited | | Very limited | |
| | | Slope | 1.00 | Slope | 1.00 | Slope | 1.00 |
| | | Frost action | 0.50 | Cutbanks cave | 0.10 | | |
| 31C: | | | | | | | |
| Myersville | 50 | Somewhat limited | | Somewhat limited | | Somewhat limited | |
| | | Frost action | 0.50 | Slope | 0.37 | Slope | 0.37 |
| | | Slope | 0.37 | Cutbanks cave | 0.10 | | |
| Catoctin | 40 | Somewhat limited | | Very limited | | Somewhat limited | |
| | | Depth to hard bedrock | 0.46 | Depth to hard bedrock | 1.00 | Droughty | 0.79 |
| | | Slope | 0.37 | Slope | 0.37 | Depth to bedrock | 0.46 |
| | | | | Cutbanks cave | 0.10 | Slope | 0.37 |
| 31D: | | | | | | | |
| Myersville | 50 | Very limited | | Very limited | | Very limited | |
| | | Slope | 1.00 | Slope | 1.00 | Slope | 1.00 |
| | | Frost action | 0.50 | Cutbanks cave | 0.10 | | |
| Catoctin | 40 | Very limited | | Very limited | | Very limited | |
| | | Slope | 1.00 | Depth to hard bedrock | 1.00 | Slope | 1.00 |
| | | Depth to hard bedrock | 0.46 | Slope | 1.00 | Droughty | 0.79 |
| | | | | Cutbanks cave | 0.10 | Depth to bedrock | 0.46 |
| 31E: | | | | | | | |
| Myersville | 50 | Very limited | | Very limited | | Very limited | |
| | | Slope | 1.00 | Slope | 1.00 | Slope | 1.00 |
| | | Frost action | 0.50 | Cutbanks cave | 0.10 | | |
| Catoctin | 45 | Very limited | | Very limited | | Very limited | |
| | | Slope | 1.00 | Depth to hard bedrock | 1.00 | Slope | 1.00 |
| | | Depth to hard bedrock | 0.46 | Slope | 1.00 | Droughty | 0.79 |
| | | | | Cutbanks cave | 0.10 | Depth to bedrock | 0.46 |
| 32C: | | | | | | | |
| Myersville | 50 | Somewhat limited | | Somewhat limited | | Somewhat limited | |
| | | Frost action | 0.50 | Slope | 0.37 | Slope | 0.37 |
| | | Slope | 0.37 | Cutbanks cave | 0.10 | | |

Table ENG-4. - Building Site Development - Continued

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| Map Symbol and Soil Name | Pct of Map Unit | Local Roads and Streets | | Shallow Excavations | | Lawns and Landscaping | |
|-----------------------------|--------------------------|---------------------------------------|-------|---------------------------------------|-------|---------------------------------------|-------|
| | | Rating Class and Limiting Features | Value | Rating Class and Limiting Features | Value | Rating Class and Limiting Features | Value |
| 32C: | | | | | | | |
| Montalto | 40 | Very limited | | Somewhat limited | | Somewhat limited | |
| | | Low strength | 1.00 | Slope | 0.37 | Slope | 0.37 |
| | | Shrink-swell | 0.50 | Cutbanks cave | 0.10 | Content of large stones | 0.03 |
| | | Frost action | 0.50 | | | | |
| 32D: | | | | | | | |
| Myersville | 50 | Very limited | | Very limited | | Very limited | |
| | | Slope | 1.00 | Slope | 1.00 | Slope | 1.00 |
| | | Frost action | 0.50 | Cutbanks cave | 0.10 | | |
| Montalto | 40 | Very limited | | Very limited | | Very limited | |
| | | Slope | 1.00 | Slope | 1.00 | Slope | 1.00 |
| | | Low strength | 1.00 | Cutbanks cave | 0.10 | Content of large stones | 0.03 |
| | | Shrink-swell | 0.50 | | | | |
| 32E: | | | | | | | |
| Myersville | 50 | Very limited | | Very limited | | Very limited | |
| | | Slope | 1.00 | Slope | 1.00 | Slope | 1.00 |
| | | Frost action | 0.50 | Cutbanks cave | 0.10 | | |
| Montalto | 40 | Very limited | | Very limited | | Very limited | |
| | | Slope | 1.00 | Slope | 1.00 | Slope | 1.00 |
| | | Low strength | 1.00 | Cutbanks cave | 0.10 | Content of large stones | 0.03 |
| | | Shrink-swell | 0.50 | | | | |
| 33: | | | | | | | |
| Newark | 85 | Very limited | | Very limited | | Very limited | |
| | | Frost action | 1.00 | Depth to saturated zone | 1.00 | Depth to saturated zone | 1.00 |
| | | Flooding | 1.00 | Flooding | 0.60 | Flooding | 0.60 |
| | | Low strength | 1.00 | Cutbanks cave | 0.10 | | |
| Wet spots | 5 | Not Rated | | Not Rated | | Not Rated | |
| 34: | | | | | | | |
| Pits | 100 | Not Rated | | Not Rated | | Not Rated | |
| 35: | | | | | | | |
| Purdy | 85 | Very limited | | Very limited | | Very limited | |
| | | Depth to saturated zone | 1.00 | Depth to saturated zone | 1.00 | Depth to saturated zone | 1.00 |
| | | Frost action | 1.00 | Cutbanks cave | 0.10 | | |
| | | Low strength | 1.00 | Too clayey | 0.03 | | |
| 36E: | | | | | | | |
| Rigley | 85 | Very limited | | Very limited | | Very limited | |
| | | Slope | 1.00 | Slope | 1.00 | Slope | 1.00 |
| | | Frost action | 1.00 | Cutbanks cave | 0.10 | Content of large stones | <0.01 |

Table ENG-4. - Building Site Development - Continued

Warren County, Virginia

| Map Symbol and Soil Name | Pct of Map Unit | Local Roads and Streets | | Shallow Excavations | | Lawns and Landscaping | |
|-----------------------------|--------------------------|---------------------------------------|-------|---------------------------------------|-------|---------------------------------------|-------|
| | | Rating Class and Limiting Features | Value | Rating Class and Limiting Features | Value | Rating Class and Limiting Features | Value |
| 37D: | | | | | | | |
| Rigley | 60 | Very limited | | Very limited | | Very limited | |
| | | Slope | 1.00 | Slope | 1.00 | Slope | 1.00 |
| | | Frost action | 1.00 | Cutbanks cave | 0.10 | Content of large stones | <0.01 |
| | | | | | | | |
| Berks | 15 | Very limited | | Very limited | | Very limited | |
| | | Slope | 1.00 | Depth to hard bedrock | 1.00 | Slope | 1.00 |
| | | Depth to hard bedrock | 0.46 | Slope | 1.00 | Droughty | 0.96 |
| | | | | Cutbanks cave | 0.10 | Depth to bedrock | 0.46 |
| | | | | | | | |
| Weikert | 15 | Very limited | | Very limited | | Very limited | |
| | | Depth to hard bedrock | 1.00 | Depth to hard bedrock | 1.00 | Depth to bedrock | 1.00 |
| | | Slope | 1.00 | Slope | 1.00 | Slope | 1.00 |
| | | Frost action | 0.50 | Cutbanks cave | 0.10 | Droughty | 1.00 |
| 38B: | | | | | | | |
| Sequoia | 80 | Very limited | | Somewhat limited | | Somewhat limited | |
| | | Low strength | 1.00 | Depth to soft bedrock | 0.46 | Depth to bedrock | 0.46 |
| | | Shrink-swell | 0.50 | Too clayey | 0.28 | | |
| | | | | Cutbanks cave | 0.10 | | |
| 38C: | | | | | | | |
| Sequoia | 80 | Very limited | | Somewhat limited | | Somewhat limited | |
| | | Low strength | 1.00 | Depth to soft bedrock | 0.46 | Depth to bedrock | 0.46 |
| | | Shrink-swell | 0.50 | Slope | 0.37 | Slope | 0.37 |
| | | Slope | 0.37 | Too clayey | 0.28 | | |
| 39B: | | | | | | | |
| Unison | 80 | Very limited | | Somewhat limited | | Not limited | |
| | | Low strength | 1.00 | Cutbanks cave | 0.10 | | |
| | | Shrink-swell | 0.50 | | | | |
| | | Frost action | 0.50 | | | | |
| 39C: | | | | | | | |
| Unison | 80 | Very limited | | Somewhat limited | | Somewhat limited | |
| | | Low strength | 1.00 | Slope | 0.37 | Slope | 0.37 |
| | | Shrink-swell | 0.50 | Cutbanks cave | 0.10 | | |
| | | Frost action | 0.50 | | | | |
| 39D: | | | | | | | |
| Unison | 80 | Very limited | | Very limited | | Very limited | |
| | | Slope | 1.00 | Slope | 1.00 | Slope | 1.00 |
| | | Low strength | 1.00 | Cutbanks cave | 0.10 | | |
| | | Shrink-swell | 0.50 | | | | |
| 40C: | | | | | | | |

Table ENG-4. - Building Site Development - Continued

Warren County, Virginia

| Map Symbol and Soil Name | Pct of Map Unit | Local Roads and Streets | | Shallow Excavations | | Lawns and Landscaping | |
|-----------------------------|--------------------------|---------------------------------------|-------|---------------------------------------|-------|---------------------------------------|-------|
| | | Rating Class and Limiting Features | Value | Rating Class and Limiting Features | Value | Rating Class and Limiting Features | Value |
| 40C: | | | | | | | |
| Unison | 75 | Very limited | | Somewhat limited | | Somewhat limited | |
| | | Low strength | 1.00 | Slope | 0.37 | Slope | 0.37 |
| | | Shrink-swell | 0.50 | Cutbanks cave | 0.10 | Content of large stones | 0.20 |
| | | Frost action | 0.50 | | | | |
| 41C: | | | | | | | |
| Weikert | 55 | Very limited | | Very limited | | Very limited | |
| | | Depth to hard bedrock | 1.00 | Depth to hard bedrock | 1.00 | Depth to bedrock | 1.00 |
| | | Frost action | 0.50 | Slope | 0.37 | Droughty | 1.00 |
| | | Slope | 0.37 | Cutbanks cave | 0.10 | Slope | 0.37 |
| Berks | 35 | Somewhat limited | | Very limited | | Somewhat limited | |
| | | Depth to hard bedrock | 0.46 | Depth to hard bedrock | 1.00 | Droughty | 0.96 |
| | | Slope | 0.37 | Slope | 0.37 | Depth to bedrock | 0.46 |
| | | | | Cutbanks cave | 0.10 | Slope | 0.37 |
| 41D: | | | | | | | |
| Weikert | 50 | Very limited | | Very limited | | Very limited | |
| | | Depth to hard bedrock | 1.00 | Depth to hard bedrock | 1.00 | Depth to bedrock | 1.00 |
| | | Slope | 1.00 | Slope | 1.00 | Slope | 1.00 |
| | | Frost action | 0.50 | Cutbanks cave | 0.10 | Droughty | 1.00 |
| Berks | 40 | Very limited | | Very limited | | Very limited | |
| | | Slope | 1.00 | Depth to hard bedrock | 1.00 | Slope | 1.00 |
| | | Depth to hard bedrock | 0.46 | Slope | 1.00 | Droughty | 0.96 |
| | | | | Cutbanks cave | 0.10 | Depth to bedrock | 0.46 |
| Wet spots | 3 | Not Rated | | Not Rated | | Not Rated | |
| 41E: | | | | | | | |
| Weikert | 55 | Very limited | | Very limited | | Very limited | |
| | | Depth to hard bedrock | 1.00 | Depth to hard bedrock | 1.00 | Depth to bedrock | 1.00 |
| | | Slope | 1.00 | Slope | 1.00 | Slope | 1.00 |
| | | Frost action | 0.50 | Cutbanks cave | 0.10 | Droughty | 1.00 |
| Berks | 45 | Very limited | | Very limited | | Very limited | |
| | | Slope | 1.00 | Depth to hard bedrock | 1.00 | Slope | 1.00 |
| | | Depth to hard bedrock | 0.46 | Slope | 1.00 | Droughty | 0.96 |
| | | | | Cutbanks cave | 0.10 | Depth to bedrock | 0.46 |
| 42B: | | | | | | | |
| Zoar | 85 | Very limited | | Very limited | | Somewhat limited | |
| | | Low strength | 1.00 | Depth to saturated zone | 1.00 | Depth to saturated zone | 0.19 |
| | | Shrink-swell | 0.50 | Cutbanks cave | 0.10 | | |
| | | Frost action | 0.50 | | | | |
| W: | | | | | | | |
| Water | 100 | Not Rated | | Not Rated | | Not Rated | |